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May 20, 2004

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

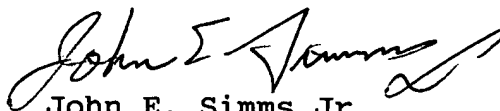
Re: Eugene A. Jacobs  
Heat Reclaimer  
Serial No. 10/630,047

Ladies and Gentlemen:

Enclosed for filing please find an Information Disclosure Statement, in the referenced case.

Thank you.

Yours truly,

  
John E. Simms Jr.  
Reg. No. 37,559



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application No. 10/630,047

Applicant: Jacobs, Eugene A.

Art Unit: 3749

Filed: 31 July 2003

Examiner: Price, Carl D.

For: HEAT RECLAIMER

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Attached is a completed Form PTO/SB/08(A&B) and copies of the references cited thereon. All cited references are in the English language.

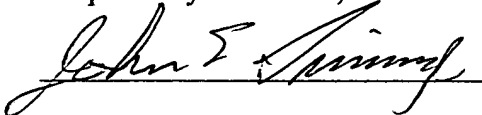
The attached form PTO/SB/08b includes a four page document which formed a part of a catalog produced for AVTEC. The catalog was distributed to selected consultants and dealers, in 1983, soliciting offers on various equipment for sale. The catalog did not show a price, for the equipment and no sale of the described equipment was made. A unit similar that shown in the AVTEC catalog, and having a remotely located storage tank, was constructed, from commercially available components, and was installed, in 1974, in the Tio Pepe Restaurant, in Baltimore, Maryland, to test the functionality of the unit. The unit was not sold to the Restaurant. This unit remains in place, at the Restaurant.

The present invention differs from the equipment described in the AVTEC catalog in that

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*Serial No. 10/630,047*  
*Page 2*

the present invention does not include a hinged panel, at the base of the flue extension, through which kitchen air can be drawn into the flue extension. The introduction, into the flue extension, of kitchen air, which is significantly cooler than flue gases, reduces the temperature of the gases passing through the flue and thereby reduces the effectiveness of the heat reclaiming apparatus. Additionally, the radiator assembly of the present invention is adapted to be mounted, on the flue riser, by a set of brackets. The equipment described in the AVTEC catalog and the equipment tested at the Tio Pepe Restaurant required that the water wall be welded to the flue riser or attached by other similar means. The radiator assembly, of the present invention, can be more easily installed with less alteration to the standard surface cooking equipment.

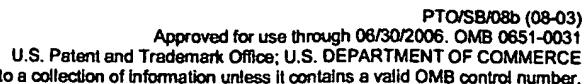
Respectfully submitted,



John E. Simms Jr.  
Attorney for Applicant  
Reg. No. 37,559

Date

5/20/2004



## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**Complete If Known**

10 / 630,047

31 July 2003

Jacobs, Eugene

3749

**Attorney Docket Number**

03-105

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of

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Examiner  
Initials\*Cite  
No.<sup>1</sup>

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

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AVTEC Catalog 1983

**Examiner  
Signature**

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

***If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.***